Department Of
INFORMATION TECHNOLOGY
Presents

NOTION

HALF-YERALY DEPARTMENT NEWSLETTER

JUN–NOV 2K20,VOLUME 1,ISSUE 1

ABOUT THE COLLEGE

New Prince Shri Bhavani College of Engineering and Technology is a leading institution committed to producing skilled engineers and technologists. With modern facilities, experienced faculty, and a focus on innovation, the college offers comprehensive programs that prepare students for successful careers.

ABOUT THE DEPARTMENT

The Information Technology Department at New Prince Shri Bhavani College of Engineering and Technology is dedicated to empowering students with cutting-edge knowledge and skills in the rapidly evolving tech landscape. Offering a dynamic curriculum that blends core IT concepts with hands-on experience With a strong emphasis on innovation, research, and industry collaboration, the department encouraged to explore emerging technologies and develop solutions for real-world challenges.

978-81-972111-4-0

VISION OF THE INSTITUTE

To be a globally recognized academic institution and thereby contribute to technological and socio-economic development of the society.

MISSION OF THE INSTITUTE

1. To develop the needed resources and infrastructure, and to establish a conducive ambience for the teaching- learning process.
2. To Engage Committed members of faculty who will infuse subject knowledge with latest teaching pedagogies
3. To Ignite the desire for higher learning, research and entrepreneurship and equip them to face the global challenges
4. To engage the alumni professionals as productive partners with the current students to help enrich and enhance their student life.

VISION OF THE DEPARTMENT

To be a center of excellence in emerging areas of Information Technology.

MISSION OF THE DEPARTMENT

M1: provide the vital aspects of Information Technology and entrepreneurial skills to students.

M2. Equip the stakeholders with technical knowledge and leadership skills with collaboration to become competent professionals.

M3. Motivate innovation and contribute to the societal issues with human values and professional ethics.

PROGRAM EDUCATIONAL OBJECTIVES

PEO 1: Encompass the ability to examine, plan and build innovative software projects and become a successful entrepreneur.

PEO 2: Develop core IT competencies aligned with emerging industry trends to become global professional leaders with ethical values.

PEO 3: Engage in continuous learning and address societal problems with ethics to provide sustainable solutions.

PROGRAM SPECIFIC OUTSOME (PSO)

PSO 1: To embed a strong foundation in the Engineering fundamentals to Solve, analyze and design real time Technical Product.

PSO 2: Develop IT Application Services with the help of different current engineering tools.

Workshops

On 3rd July 2020, New Prince Shri Bhavani College of Engineering and Technology organized an engaging Zoom Connect session on Cloud-Based Architecture. The event featured Mr. Pavithran Ambur Venkatesan, a System Engineer at Connect Managed Services, Bengaluru. During the session, Mr. Pavithran provided deep insights into the fundamentals and advancements of cloud architecture, its applications in the industry, and the future of cloud technology.

New Prince Shri Bhavani
College of Engineering and Technology
Affiliated to Anna University | ISO 9001:2015 Certified | Accredited by NAAC
Tambaram-Velachery Main Road, Santhosapuram, Chennai-600 073

DEPARTMENT OF INFORMATION TECHNOLOGY

3th July 2020
@ 10.00AM

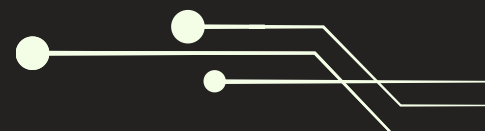CLOUD BASED ARCHITECTURE

Speaker
Mr.Pavithran Ambur Venkatesan,
System Engineer,
Connect Managed Services,
Bengaluru

f www.facebook.com/npsbcetofficial   twitter.com/newprinceengg   www.instagram.com/newprinceengg_official

On 4th July 2020, New Prince Shri Bhavani College of Engineering and Technology hosted an engaging Zoom Connect meeting on The Era of Data Science. The session was led by Ms. Dharshana Rammohan, an Analyst at Sword Global Pvt. Ltd., Chennai. Ms. Rammohan provided insightful perspectives on the growing importance of data science in today's technological landscape and its vast career opportunities.

On 5th July 2020, New Prince Shri Bhavani College of Engineering and Technology organized an engaging Zoom Connect session on Software Design Patterns and Their Use. The event featured Mr. Ashoknatrajan from Vires Simulation Techchaibiling GmbH, Badaibilinh, Germany, who provided deep insights into the importance and practical applications of software design patterns in modern software development.

On 6th July 2020, New Prince Shri Bhavani College of Engineering and Technology organized an engaging Zoom Connect meeting on Artificial Intelligence in Healthcare Applications. The session was led by Dr. Y. Nancy Jane, Assistant Professor, Department of Computer Technology, Anna University, Chennai. Dr. Nancy shared her in-depth knowledge on the transformative role of AI in revolutionizing healthcare, highlighting key applications and innovations that are shaping the future of medical technology.

On 10th July 2020, New Prince Shri Bhavani College of Engineering and Technology organized a Zoom Connect meeting titled Life As We Know It. The session was led by Ms. Judith Callaghan, Program Delivery Manager for the ERP Program of Works at Powerlink. Ms. Callaghan shared her experiences and insights on managing large-scale projects, navigating workplace challenges, and adapting to changes in the professional world.

On 24th May 2020 at 10 PM, New Prince Shri Bhavani College of Engineering and Technology organized a Zoom Connect meeting on The Power of Technology in 2020 and Beyond. The event featured two distinguished speakers, Mr. Ashokumar Gurusamy from PayPal, San Jose, USA, and Mr. Ramasubramaniyan, Analyst at Reter, USA. They shared their insights on the rapid advancements in technology and how these innovations are shaping the future.

On 13th June 2020, New Prince Shri Bhavani College of Engineering and Technology's Department of Information Technology organized a webinar on Industry 4.0 - Recent Technologies & Job Opportunities for Engineers. The session, led by Mr. Peter Kirubhagaran, covered key topics like advanced analytics, AI, machine learning, IoT, and cybersecurity, offering students a roadmap to emerging career paths in technology.

National eConference

On 4th March 2021, the Department of Information Technology at New Prince Shri Bhavani College of Engineering and Technology, in association with the Computer Society of India (CSI), organized a national eConference on Advances in Information Technology and Systems 2021 (NCAITS'21). The event featured Dr. Pradeep Kumar Arya, Assistant Professor of CSE at BML Munjal University, as the chief guest. The conference provided a platform for students and professionals to explore the latest developments and innovations in information technology and systems.
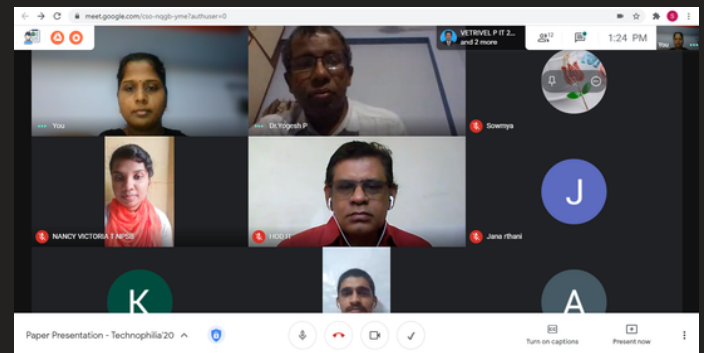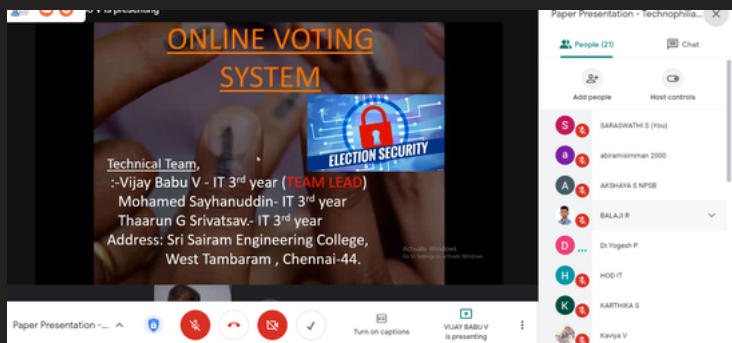
It was conducted online via Google Meet, allowing participants to engage with experts and discuss emerging trends in the field.
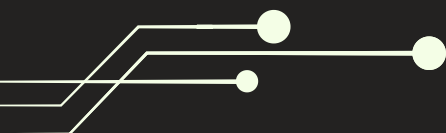
Symposium

On 29th October 2020, the Department of Information Technology at New Prince Shri Bhavani College of Engineering and Technology organized a National Level Online Technical Symposium, Technophilia '20 under the theme "World Without Rules." The event included a range of exciting competitions such as Connexions, Gameyex, Paper Roast, and more, all aimed at fostering innovation and technical skills among participants. The symposium attracted students from across the country, providing a platform to showcase their talents and ideas. With cash prizes up for grabs, the event encouraged creativity and competitive spirit, contributing to the vibrant academic culture of the college.
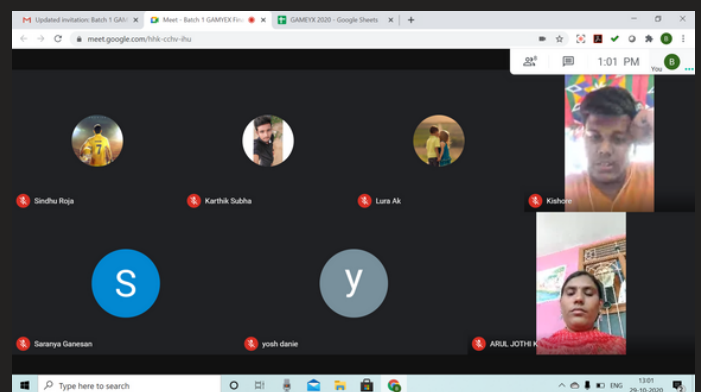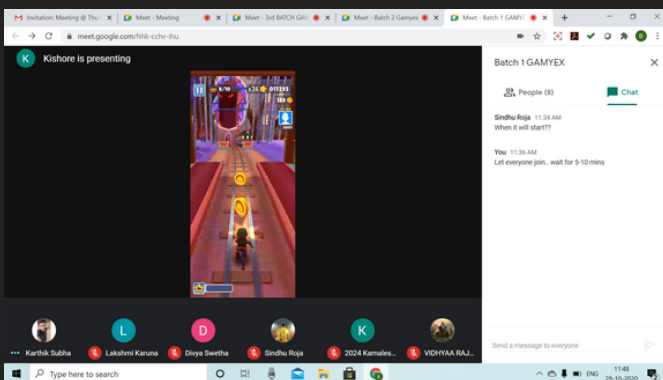
Staff Achievements

Ms.Sindhuja M has received Elite certificate for Internet of Things course conducted by NPTEL.

Ms.Blessing Christiana K was selected for translating the files of the courses offered by NPTEL and Swayam.

Student Achivement

On 15th June 2020, G. Swarnalakshmi attended a national webinar on Finite Element Modelling of Old Masonry Structures, led by Dr. Kumar Pallav from Cape Peninsula University of Technology, South Africa.

On 25th June 2020, Vebathra V from New Prince Shri Bhavani College of Engineering and Technology attended a webinar on You Can Do Social Service - Social Responsibility, organized by Sri Eshwar College of Engineering.

Editor's

Chief Editor

Ms.Blessing Christiana.K, AP/IT

Ms.Karthika.S, AP/IT

Editor Community

S.Akshaya-III/IT   V.Sneha-II/IT

C.Niranjan-II/IT   T.Elakkiya-IV/IT

```
E U Y Y C B D G Q A X Z T H N
M H T T I W L N U U S V E W A
T L I U P G G I A G K M C R O
P R L P I Z G T N M I A H V E
F B A B T C V U T E H Z N S H
N S E M C Z O P U N V I O E U
Q L R X S E D M M T C J L C B
W L A H N I U O W E R A O I R
R O T U G J R C W D S E G V S
K C R I T E R E M O T E I E H
P Z T K A R L X G V U U E D I
L A E L N A I X Z D Y H S F O
L N I D A T A V N K E N C Q L
V T G N I T U P M O C J S N X
Y N O I T A M R O F S N A R T
```

Augmented Reality (AR)

Virtual Reality (VR)

Remote Work Technologies

Digital Transformation

Edge Computing

Big Data

Quantum Computing

Smart Devices

Trends In Tech

- *Remote Work and Collaboration Tools: The pandemic accelerated the adoption of remote work, leading to increased use of tools like Zoom, Microsoft Teams, and Slack for communication and collaboration.*

- *Artificial Intelligence and Automation: AI continued to evolve, with businesses leveraging machine learning and automation to optimize processes, enhance customer service, and improve decision-making.*

- *Cloud Computing: The shift to cloud-based services surged as organizations sought scalable solutions for data storage and application hosting, facilitating remote access and collaboration.*

- *Cybersecurity Awareness: With the rise in cyber threats, organizations prioritized cybersecurity measures, leading to innovations in security solutions and practices to protect remote work environments.*

- *E-commerce Boom: The shift from brick-and-mortar stores to online shopping intensified, resulting in increased investments in e-commerce platforms, digital payment systems, and logistics.*

Editor's

Chief Editor

Ms.Blessing Christiana.K, AP/IT

Ms.Karthika.S, AP/IT

Editor Community

S.Akshaya-III/IT   **V.Sneha-II/IT**

C.Niranjan-II/IT   **T.Elakkiya-IV/IT**